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AUTHOR: Skob				B
TITLE: On th	e quantum theory of cou	pled electromag	metic-sound wa	res
in metals				
SOURCE: Fizi	ka tverdogo tela, v. 6,	no. 9, 1964, 2	655-2662	
coupling, ult	quantum theory, sound w rasound propagation, el	ave, electromag ectric conducti	netic wave, wa .v.ty, helicon	/e
wave				
electrons on	e author investigates t the spectrum and dampin	g of the couple	d waves produc	
result of res	a strong magnetic field onance produced when th entrations of the elect the ultrasound waves pr	o helicon waves	i, which exist in the metal a	re
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ACCESSION NR: AP4044935

phase velocities. An analysis of the resonance conditions shows that the quantum oscillations of the Landau damping give rise to strong oscillations of the degree of coupling of the waves. leads to periodic changes of the character of the waves as the magnetic field is varied in the resonance region. This also induces quantum oscillations in both the velocity and the damping of the The authors consider also the excitation of coupled waves in a semi-infinite metal by an external electromagnetic field or by ultrasound. It is shown that the coupling of the electromagneticacoustic waves is subject to oscillations which give rise to strong changes in the spatial distribution of the electromagnetic and sound fields in the metal. It is indicated that to calculate the conductivity tensor of the metal, which characterizes the spectrum and the damping of the helicon wave, it is essential to use quantum theory, and that quantization does not influence the off-dlagonal elements of the tensor, which characterize the drift of the electrons in the electric and magnetic fields, but influence dreatly this wheated in

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ACCESSION NR: AP4012555 8/0056/64/046/001/0273/0286

AUTHORS: Skobov, V. G.; Kaner, E. A.

TITLE: Theory of coupled electromagnetic and sound waves in metals situated in a magnetic field

SOURCE: Zhurnal eksper. i teoret. fiz., v. 46, no. 1, 1964, 273-286

TOPIC TAGS: electromagnetic wave, sound wave, acoustic wave, resonant interaction between waves, inductive interaction, resonant coupling, coupled wave, coupled wave damping, coupled wave velocity, coupled wave polarization, wave transformation mutual wave transformation

ABSTRACT: It is shown that resonance interaction between weakly damped electromagnetic and sound waves in metals results in their mutual transformation and gives rise to coupled waves. In metals with unequal electron and hole concentrations the coupling is due to

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ACCESSION NR: AP4012555

inductive interaction between the electrons and the lattice. When transverse oscillations propagate along the magnetic field, the coupling near resonance is so strong that the distinction between electromagnetic and sound waves is lost. The coupling, velocity, and damping of the waves are highly anisotropic relative to the angle between the wave vector and the magnetic field. In addition,

when acoustic oscillations resonate with electromagnetic waves that have a discrete spectrum and a wavelength small compared with the Larmor radius the coupling of the waves is determined by the deformation interaction between the electrons and the sound waves. The velocity, damping, and polarization of the coupled waves are found for all the cases in question. The coefficients of mutual transformation of the different waves are calculated. Excitation of coupled oscillations by external fields is considered. Orig. art. has: 68 formulas.

ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe AN SSSR

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ACCESSION NR: AP4012555

(Physicotechnical Institute AN SSSR); Institut radiofiziki i elektroniki AN UkrSSR (Institute of Radiophysics and Electronics, AN UkrSSR)

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THORS: Kanor, E. A.; Skobov, V. G. ITLE: Electromagnetic waves in metals	
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rTLE: Electromagnetation ron dispersion OURCE: Zhurnal eksperimental'noy i ter	oreticneskoj
OURCE: Zhurnal eksperiment	
OURCE: Zhuinai 10. 3, 1964, 1106-1116 TOPIC TAGS: electromagnetic wave in me TOPIC TAGS: electromagnetic wave in me TOPIC TAGS: magnetic magnet	arhitrary electron dis-
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MOPIC TAGS: electromagnetic wave in me mopic tags: electromagnetic wave in me persion, Larmor radius, carrier mean fr persion, Larmor radius, carrier mean fr ty tensor, helical magnetic wave, magnety ty tensor, helical magnetic wave, Alfrance, Al	tehydrodynamic wave propaga
persion, Larmor radical magnetic wave, magne	von wave
bersion, Larmor reduced magnetic wave, magnety tensor, helical magnetic wave, magnety tensor, helical magnetic wave, magnety tensor, polarization, Fermi surface, Alfording, polarization, polarizatio	thion by the authors, where
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ABSTRACT: Unlike the earlier investig isotropic dispersion of the carriers we fill the fill of the fil	situated in a strong magnitude
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ACCESSION NR: AP4025944

field is considered for an arbitrary electron dispersion law. A limiting case is analyzed, where the excitation wavelength is large compared with the Larmor radius and small compared with the carrier mean free path. It is shown that the anisotropy of the electron dispersion results in singularities in the spectrum, attenuation, and polarization of the excitations. The electric conductivity tensor and the magnetohydrodynamic wave propagation are analyzed in such a metal. In metals with singly-connected Fermi surface the attenuation of the helical electromagnetic wave is nonmonotonic in the field The polarization of this wave depends both on the direction and on the strength of the static magnetic field. In metals with equal hole and electron densities, the anisotropy of the Fermi surface leads to disappearance of the Alfven wave in the region where the Alfven velocity is smaller than the Fermi velocity. On the other hand, a new electromagnetic wave is generated in this region, with a quadratic spectrum independent of the field strength. The electric field vector of this wave is directed along the static mag

Card 2/3.

ACCESSION NR: AP4025944 netic field. Orig. art. has: 1 figure and 38 formulas. ASSOCIATION: Institut radiofiziki i elektroniki AN UkrSSR (Institute of Radiophysics and Electronics, AN UkrSSR); Fiziko-tekhnicheskiy institut im. A. F. Ioffe AN SSSR (Physicotechnical Institute AM SSSR) DATE ACQ: 16Apr64 ENCL: 00 208ep63 SUBMITTED: OTHER: 008 003 NR REF SOV: SUB CODE: PH 3/3

ACCESSION NR: AP4037595

s/0056/64/046/005/1809/1819

AUTHORS: Skobov, V. G.; Kaner, E. A.

TITLE: Quantum theory of propagation of electromagnetic waves in metals in a magnetic field

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 5, 1964, 1809-1819

TOPIC TAGS: electromagnetic radiation, magnetic field, quantum electrodynamics, Landau damping, conductivity tensor, helical electromagnetic wave, electron scattering, metal lattice

ABSTRACT: The theory of propagation of electromagnetic waves under conditions of strong spatial dispersion, when the wavelength is much smaller than the mean free path of the conduction electrons, developed by the authors earlier (ZhETF, v. 45, 610, 1963 and v. 46, 1106, 1964), is extended to include the quantum limit $\hbar\Omega \gg T$ (Ω -- cycloped), is extended to include the quantum limit $\hbar\Omega \gg T$ (Ω -- cycloped).

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ACCESSION NR: AP4037595

units). It is shown that the quantization of the electron state leads to giant quantum oscillations of the dissipative part of the conductivity tensor, due to Landau damping. The effect of these oscillations on the spectrum, damping, and polarization of a helical electromagnetic wave in a metal with arbitrary carrier dispersion is considered. It is shown that upon variation of the magnetic field the damping and the polarization of the helical waves experience abrupt quantum oscillations. The effect of the electron scattering on the amplitude and the waveform of the oscillations is investigated in the region of not too strong magnetic fields, for very strong magnetic fields, for finite temperatures, and for different frequencies. Orig. art. has: 50 formulas.

ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe Akademii nauk SSSR (Physicotechnical Institute, Academy of Sciences SSSR); Institut radiofiziki i elektroniki Akademii nauk Ukrainskoy SSR (Institute of Radiophysics and Electronics, Academy of Sciences

Card 2/3

ACC NA A1603221.1

SCURCE CODE: UN/0053/66/089/003/0367/0408

AUTHOR: Kaner, E. A.; Skobov, V. G.

ORG: Institute of Radiophysics and Electronics, AN UKrSSR (Institut radiofiziki i elektroniki AN UkrSSR); Physicotechnical Institute im. A. F. Ioffe, AN SSSR (Fizikotekhnicheskiy institut AN SSSR)

TITLE: Electromagnetic waves in metals in a magnetic field

SOURCE: Uspekhi fizicheskikh nauk, v. 89, no. 3, 1966, 367-408

TOPIC TAGS: electromagnetic wave propagation, solid state plasma, dispersion equation, magnetohydrodynamics, low temperature research, mugnetic field

ABSTRACT:, The authors show first that the hitherto prevailing opinion, that no lowfrequency electromagnetic waves can propagate in metals, is not supported by modern notions of solid state theory. They consequently review extensively the latest literature on electromagnetic waves, defined as collective oscillations of an electron-hole plasma of a metal, in light of recent theoretical and experimental proof that various electromagnetic waves can exist at low temperatures and in the presence of the magnetic field in metals, and in light of new resonant effects, such as anomalous transparence of metals, resulting from such waves. The section headings are: 1. Introduction. 2. General formulation of problem. Dispersion equations. I. Long waves (kR << 1). 3. Helicon waves (isotropic case). 4. Magnetohydrodynamic waves (isotropic case). 5. Electromagnetic waves in the vicinity of cyclotron resonance.

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6. Arbitrary law of conduction electron dispersion. Electric conductivity 7. Helicon waves (anisotropic case). 8. Magnetohydrodynamic waves (arbitralispersion law). 9. Excitation of electromagnetic waves of metals by an excitation of the conductivity of the conducti	ary carrier xternal
field. Surface impedance. 10. Experimental observation of electromagnetic metals. II. Short waves $(kR \gg 1)$. 11. Qualitative considerations. 12. A pehavior of the conductivity tensor. 13. Low-frequency waves with discrete	Asymptotic
14. High-frequency waves with discrete and continuous spectrum. 15. Excita waves with discrete spectrum. New resonance effect. 16. Electromagnetic v	ation of waves in
the vicinity of cyclotron resonances. Tables summarizing the various types the conditions under which they exist, their spectrum, their relative damp polarization, are presented for slow and fast helicon waves, magnetohydrody	ing and ynamic
waves, Aliven waves, magnetic-sound waves, low- and high-frequency waves wand continuous spectra, ordinary and extraordinary waves, longitudinal wave others. Orig. art. has: 7 figures, 216 formulas, and 2 tables.	ith discrete es, and
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SKOBSKIY, I.L., professor

Reflex epilepsy. Vop.neirokhir. 21 no.1:56 Ja-F'57. (MLRA 10:3)

1. Stanislavskiy gosudarstvennyy meditsinskiy institut.

(MPIRPSY)

SKOBSKIY, I.L., prof. (Stanislav)

Asymmetry of meningeal symptoms in subarachnoid henorrhage and certain disenses of the cerebral meninges [with summary in English, p. 63]. Vopr.neirokhir. 23 no.2129 Mr.Ap '59. (MIRA 12:4)

1. Kafedra nervnykh bolezney Stanislovskogo meditsinskogo institutta.

(MENINGES--DISEASES)

SKOBSKIY, I.L., prof.

Treatment of endarteritis with increasing doses of sodium nitrite. Vrach. delo no. 1:127-128 161. (MIRA 14:4)

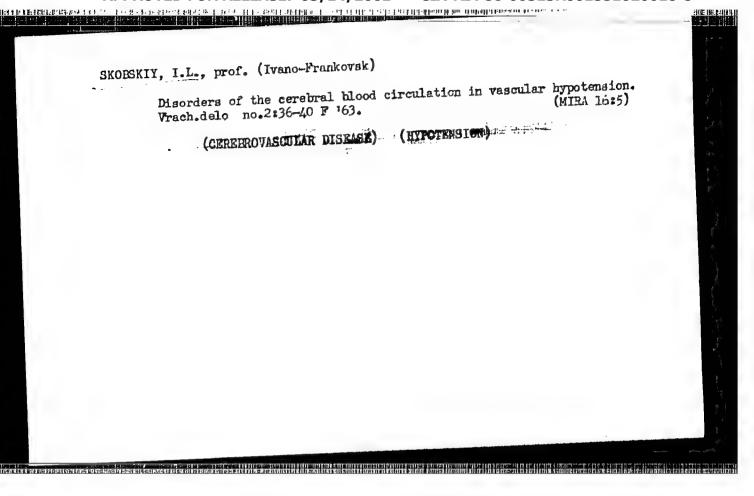
1. Kafedra nervnykh bolezney (zav. - prof. I.L. Skobskiy) Stanislavskogo meditsinskogo instituta. (ARTERIES-DISEASES) (SODIUM NITRITE)

SKOBSKIY, I.L., prof. (Stanislav)

Treatment of neuritis and initial atrophy of the optic nerves with increasing doses of sodium nitrate. Vrach.delo no.9:82-83 S '62. (MIRA 15:8)

1. Kafedra nervnykh bolezney (zav. - prof. I.L.Skobskiy) meditsinskogo instituta.

(NEURITIS) (OPTIC NERVE-DISEASES) (SODIUM NITRITE)



SKOBSKIY, I.L., prof.

I. IA Razdol'skii's symptom in a tumor of the optic thalamis.
Vrach. delo no.9:154-155 63. (MIRA 16:10)

1. Kafedra nervnykh bolezney (zav. - prof. L. Skobskiy)
Ivano-Frankovskogo meditsinskogo instituta.
(OPTIC THALAMUS — TUNORS) (RAZDOLSKII, I.IA)

USSR/Metecrology - Aerologists

"Outstanding Workers in the Meteorological Service of Civil Aviation," K. A. Skobtsev, Main Admin of Hydrometeorol Sv, Council of Ministers, USSR

"Meteorol i Gidrol" No 6, p 49-53

Article states that N. S. Yuryatina and A. F. Kartashova [Photographs included] are outstanding in their forecasting for aviation.

SKOBTSEV, K. A.

PA 237T74

USAR/Geophysics - Main Hydrometeorological Dec 52
Service

"Better Forecasters of the Hydrometeorological Service," K.A. Skobtsev, GUGMS in the Council of Ministers USSR

"Meteorol i Gidrol" No 12, pp 54, 55

Describes 4 Soviet senior forecasters who were rewarded for their work, by the Council of Ministers USSR; namely, V.M. Kurganskaya, R.A. Nezhikhovskiy, S. N. Strakhov and N. S. Yuryatina. Gives the titles and affiliation.

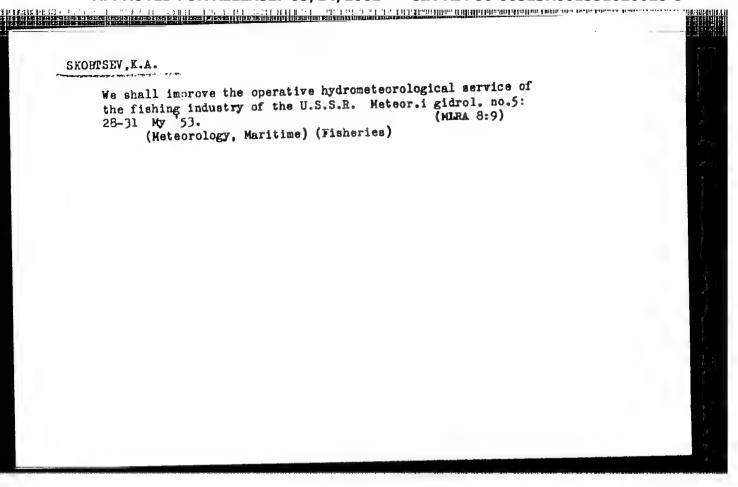
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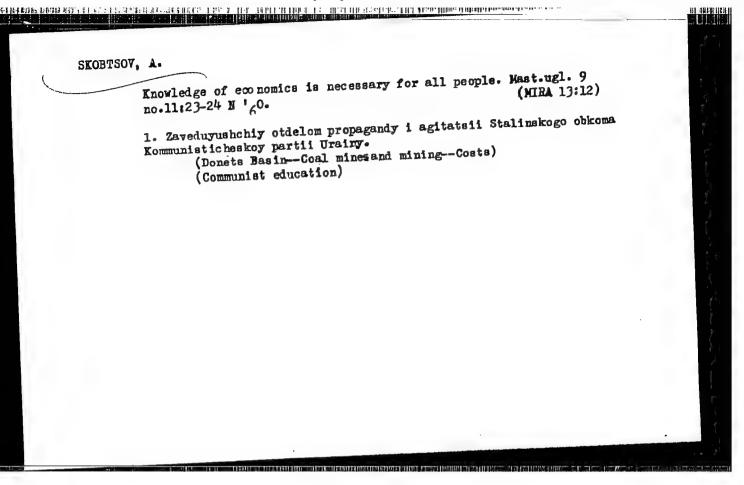
S OFTENS, K.A.

Problem of the Observations, Description, and Taking Into Account of Extraordianry Meteorological and Hydrological Phenomena Meteorol. i gidrologica, No. 1, 1953, pp. 52-55

The author remarks on the unsatisfactoriness of the position taken in the system of the Hydrometeorological Service as stated in the brochure entitled Ob uchete i doneseniyakh o chrezvych aynykh gidrometeorologicheckikh yavleniyakh privedshikh k proisshestviyam v narodnom khozyarstve (Taking Into Account and Reports of Extraordinary Hydrometeorolo-ical Phenomena That Lead to Incidents in the National Economy) and points to the advantages introduced since 1 January 1953 in the new statement entitled Folozheniya o nablyudeniyakh, opisanii i uchete chrezvychaynykh meteorologicheskikh i gidrologicheskikh yavleniy i doneseniyakh o nikh (Positions Taken as to Observations, Description, and Accounting of Extraordinary Mateorological and Hydrological Thenomena and Reports on Them). The new publication gives not simply an account of the events and incidents in the various branches of the national economy caused by unfavorable hydrometeorological chenomena, but also the observation, description, study, and account of dan erous meteorological and hydrological phenomena. (RZhGeol, No 5, 1954)

SO: Sam. No. 568, 6 Jul 55





KOVICH, Yakov Lazarevich; SKOBTSOV, L., otvetstvennyy red.

[Donets Basin, 1917-1957] Donhass, 1917-1957. [Staline] Stalinskoe ohl. izd-vo, 1957, 167 p.

(Donets Basin--Views)

SKOBTSOV, L.Ya., red.

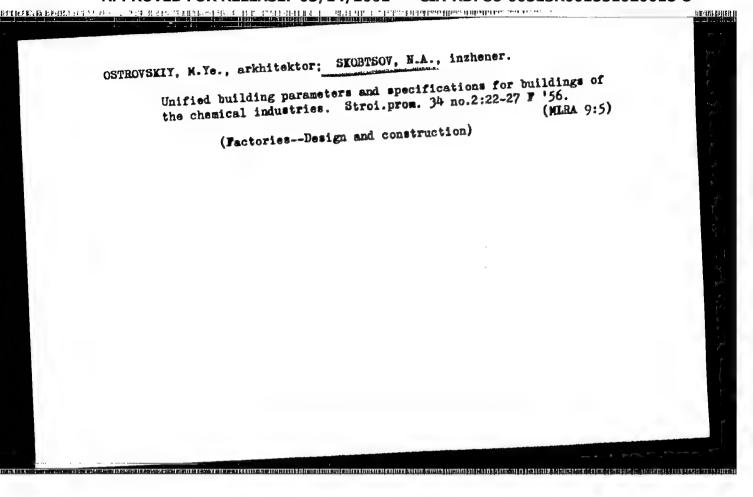
[Our seven-year plan] Hasha semiletka, Stelino, Knizhnoe izd-vo, (MIRA 13:3)

(Russia--Economic policy)

SKOBTSOV, L.Ya., red.; KHOLODOV, V., red.; SAMOLETOVA, A., tekhn.red.

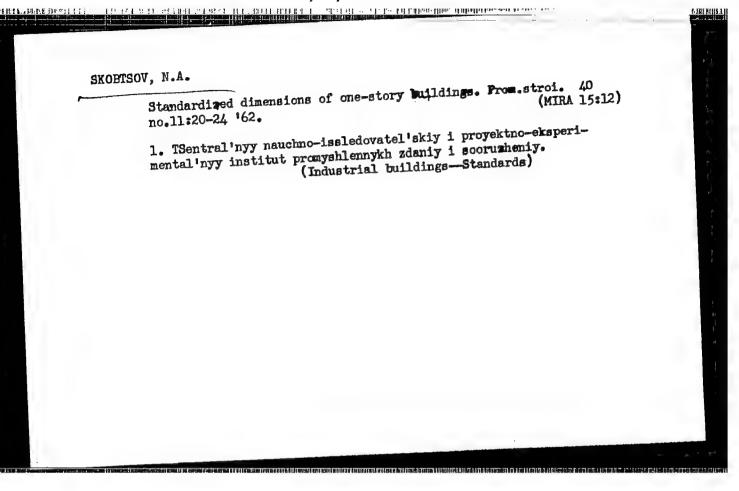
[New methods prompted by life; experience in the mass political work of party organizations in Stalino Province] Novoe, rozhdennoe zhizn'iu; iz opyte massovo-politicheskoi raboty partinykh organizatsii Stalinskoi oblasti. Stalino-Donbass, Knizhnoe izd-vo. 1960.

[New methods prompted by life; experience in the mass political work organization; in the mass political work organizatsii. Stalino Province - Communist Party of the Soviet Union--Party work)



SKOBTSOV, N.A., inzh.

Methods of planning standard structures. Prom.stroi. 38 no.3: 27-30 '60. (MIRA 13:6) (Factories-Design and construction)



A CONTROL OF THE PROPERTY OF T

SKOLTSOV, Yevgeniy Aleksandrovich; IZOTOV, Anatoliy Dmitriyevich;

TUZOV, Leonid Vasil'yevich; SELIVANOV, K.I., inzh., retsenzent;

MISELEV, M.A., inzh., red.; ONISHCHENKO, R.N., red. izd-va;

PETERSON, M.M., tekhn. red.

[Methods for reducing the vibration and noise of diesel engines]
Metody snizheniia vibratsii i shuma dizelei. Moskva, Mashgiz,
1962. 191 p. (MIRA 15:12)
(Diesel engines) (Damping (Mechanics))

NATO NATURAL POR A STATE OF ST EWT(d)/EWT(m)/EWP(f) L 05061-67 EWI(d)/F UR/ Monograph 12 Kane, Azriael' Borisovich; Skobtsov, YEvgeniy Aleksandrovich B + IReversing mechanisms of marine diesel engines (Reversivnyye ustroystva sudovykh dizeley) Leningrad, Izd-vo "Sudostroyeniye," 1965. 230 p. illus., biblio., tables. 2400 copies printed. TOPIC TAGS: marine engineering, ship navigation, marine engine, diesel engine PURPOSE AND COVERAGE: This book is intended for engineering and technical personnel engaged in the design of reversing mechanisms and is recommended for students in shipbuilding schools of higher education and higher marine navigation schools; it may also be used by specialists working on the design and maintenance of main diesel engines and marine diesel equipment. TABLE OF CONTENTS [abridged]: Author's foreword -- 3 Introduction -- 4 Ch. I. Propeller operation during reversal -- 7 621.431.74 UDC: Card 1/2

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ACC NR: AM6013189

Ch. II. Structural arrangement of reverse systems -- 31

Ch. III. Starting systems for diesel engines -- 75

Ch. IV. Maneuvering qualities of ships -- 129

Ch. V. Mechanization and automation of main ship engines. Remote control of reversing and starting mechanisms -- 142

Ch. VI. Analysis of direct reversing systems -- 184

References -- 224

SUB CODE: 13/ SUBM DATE: 160ct65/ ORIG REF: 105

SHUYKIN, N.I.; BEL'SKIY, I.F.; SKOBTSOVA, G.Ye.

Catalytic transformation of amines of the furan series to pyrrole homologs. Izv.AN SSSR.Otd.khim.nauk no.2:378-380 F 163. (MIRA 16:4)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR. (Furan) (Pyrrole)

BEL'SKIY, I.F.; SHUYKIN, N.I.; SKOBTSOVA, G.Ye.

Conjugated hydrogenolysis in the synthesis of pyrrolidine homologs.

Izv. AN SSSR. Ser.khim. no.9:1675-1678 S '63. (MIRA 16:9)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR. (Hydrogenation) (Pyrrolidine)

SHUYKIN, N.I.; BEL'SKIY, I.F.; SKOBTSOVA, G.Ye.

Catalytic synthesis of higher pyrrole and pyrrolidine homologs from \angle -furylalkylamines. Izv. AN SSSR. Ser.khim. no.9: 1678-1680 S '63. (MIRA 16:9)

1. Institut organicheskoy khimii im. N.D. Zelinskogo aN SSSR. (Furanamine) (Pyrrole) (Pyrrolidine)

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SHUYKIN, N.I.; PETROV, /.D.[deceased]; GLUKHOVTSEV, V.G.; BEL'SKIY, I.F.; SKOBTSOVA, G.Ye.

Synthesis of furanamines and their catalytic conversion to nitrogencontaining five-membered heterocycles. Izv.AN SSSR.Ser.khim. no.9: 1682-1685 S *64. (MIRA 17:10)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

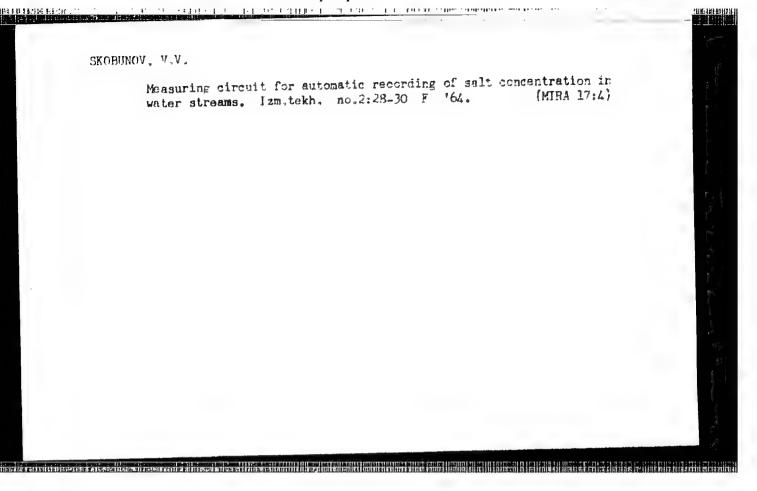
BEL'SKIY, I.F.; SHWYKIN, N.I.; SKOBTSOVA, C.Ye.

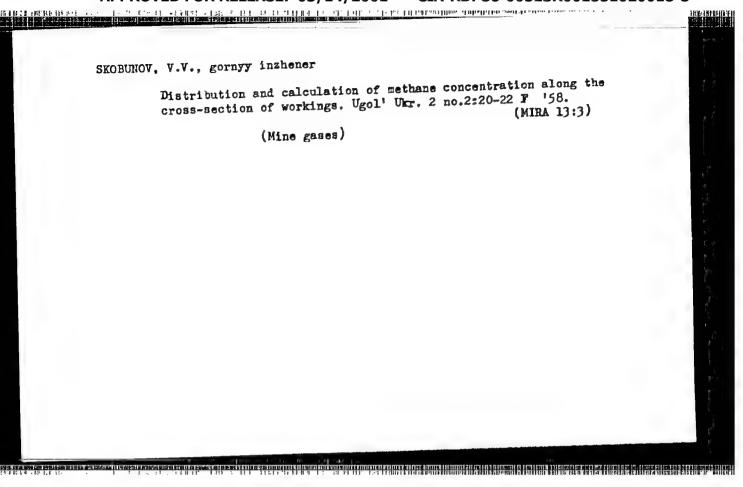
Catalytic transformation of furanamines to 2,4-dialkyl pyrroles.

Izv. AN SSSR. Ser. khim. no.6:1118-1120 Je '64.

Synthesis of 2,5-dialkylpyrrolidines by conjugated catalytic hydrogenolysis of furanamines. Ibid.:1120-1123 (MIRA 17:11)

1. Instutut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.





"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551020018-8 R. C. S. M. M. J. J. S. (A. V. Gill.) C. G. L. G. S. Ellid. Reset Minner d'utentidates, son de conservation de la conservation

AUTHOR:

Skobunov, V. V.

57-28-6-16/34

TITLE:

The Experimental Study of the Aerodynamics of Dusty Air in Cleaning Bottoms (Eksperimental noye izucheniye aerodinamiki

zapylennogo vozdukha v ochistnykh zaboyakh)

PERIODICAL:

Zhurnal Tekhnicheskoy Fiziki, 1958, Vol. 28, Nr 6,

pp. 1224 - 1228 (USSR)

ABSTRACT:

One of the main problems of modern pit ventilations is the prevention of impurities in the ventilation jet. It is clearly shown (figure 1) that the distribution of impurities in the turbulence column is subject to the Gaussian law and is repeated along the length of the column. Propagation of the column takes place according to the linear law. It is known that a similar phenomenon is observed in free jets. In order to check the similarity between the turbulence column in the ventilation jet and that in the free jet, currents of dust were investigated in the course of the combine-drawing of coal. Experiments were carried out in Laven 9-West, shafts Nr 17-17 and 56-East, shaft Nr 29 in the town of Stalino. The weighing method was used for the recording of dust, for which purpose an ejector

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The Experimental Study of the Aerodynamics of Dusty hir in Cleaning Bottoms

57-28-6-16/34

aspirator AER-4(produced by the Laboratory for the Safety of Mining) was used. As is shown(figure 4) the concentration of dust decreases with an increase of the distance from the axis of the dust column. Experimental data are compared with the theoretical modification curve of the longitudinal concentrations (figure 7) which was determined by means of the formula developed by Abramovich (Reference 6) for a round dusty jet:

 $\frac{n_{m}}{n_{0}} = \frac{0.7}{\frac{ax}{R_{0}} + 0.29}$

As may be seen herefrom, the curve is located near the experimental points. Besides the law found for particles of dust floating near the dust source, the theory of free turbulence can be extended also to other laws governing the behavior of dispersed particles. It is known that the falling of particles of dust out of the ventilation jet, which is caused by the particles' own weight, and the adhering of dust to the walls

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57-28-6-16/34 The Experimental Study of the Aerodynamics of Dusty Air in Cleaning Bottoms

> are random phenomena and are therefore more or less subject to the normal law of the distribution of dispersed quantities. It is shown (figure 8) that the best agreement with the theoretical curve of the process of precipitation is obtained by means of experiments concerning the falling out of coal dust (points 1, reference 8). Heavy particles of mineral origin (points 2) (Reference 9) and (points 3) (Reference 10) will fall out or adhere according to other laws, Nevertheless, the fact must be stressed also in this case that with a current velocity of 0,5 - 0,85 m/sec and more, the experimental points approach nearer to the theoretical curve than in the case of a slow motion of the air current. There are 8 figures and 10 references, 9 of which are Soviet.

ASSOCIATION:

Institut gornogo dela AN SSSR, Moskva (Moscow, Institute of

Mining, USSR Academy of Sciences)

SUBMITTED:

November 19, 1956

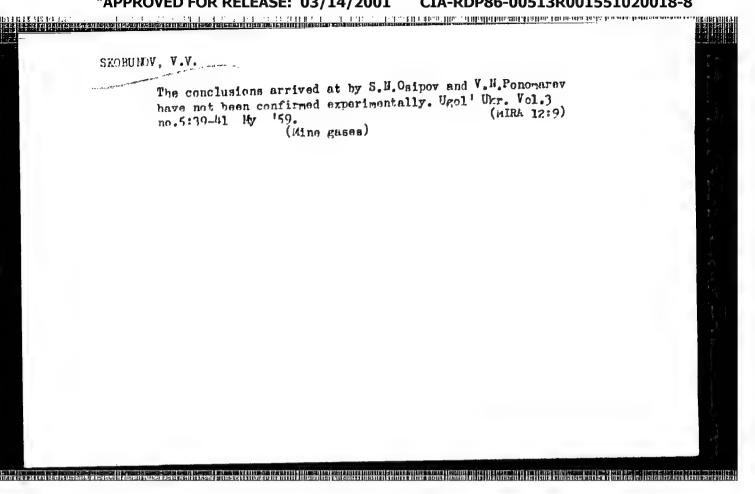
1. Underground structures 2. Air-Impurities 3. Aerodynamics-

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Theory

SKCBUNOV, V.V., Cand Fech Sci -- (diss) "Study of the distribution of impurities (dust, methane) in the atmos here of mined." Mos, 1959, 1h pp including cover (Acad Sci UD.R. Inst of Hining Affairs) 150 coales (KL, 35-57, 11h)

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LIDIN, G.D., prof., doktor tekhn.nauk, otv. red.; KHODOT, V.V., doktor tekhn. nauk, red.; VESELOVSKIY, V.S., prof., doktor tekhn. nauk, red.; VORONINA, L.D., kand. tekhn. nauk, red.; SKOEUNGY, V.V., kand. tekhn. nauk, red.; KOSTAN'YAN, A.Ya., red. izd-va; VOLKOVA, V.G., tekhn. red.

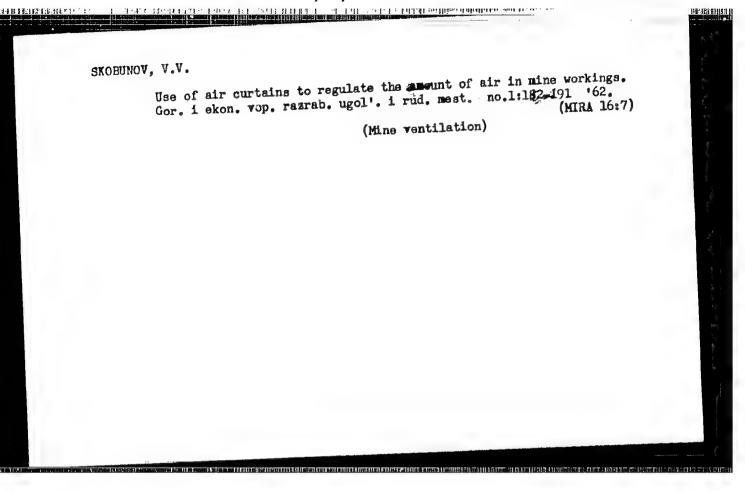
[Mine atmosphere] Rudnichnaia aerologiia. Moskva, Izd-vo Akad. neuk SSSR, 1962. 259 p. (MIRA 15:7)

1. Akademiya nauk SSSR. Institut gornogo dela. (Mine ventilation)

SKOBUNOV, V.V., kand.tekhn.nauk

Ventilating open pits with natural convection. Gor. zhur. no.6:72 Je '62. (MIRA 15:11)

1. Institut gornogo dela im. Skochinskogo, Moskva. (Mine ventilation)



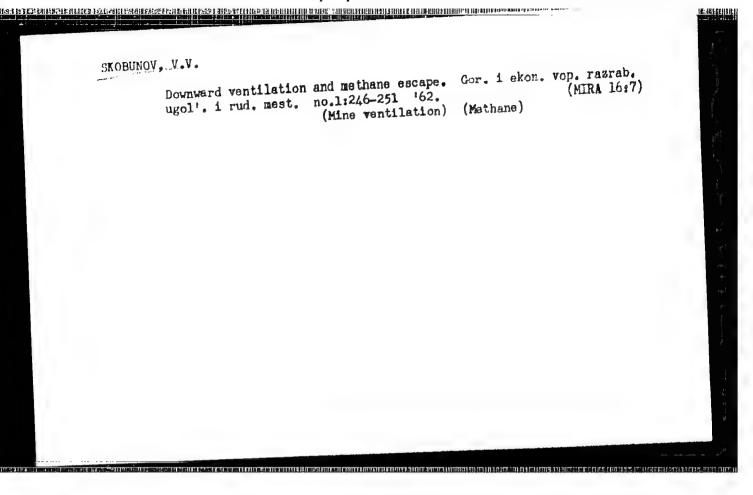
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NIKITIN, V.S., kand.tekhn.nauk; SKOBUNUV, V.V., kand.tekhn.nauk

Turbulent diffusion of dust and poison gases in the air of open-pit mines. Bor'ba s sil. 207-217 '62. (MIRA 16'5)

1. Institut gornogo dela imeni A.A.Skochinskogo. (Mine gases) (Strip mining)



LIDIN, G.D., prof., doktor tekhn. nauk, otv. red.; KHODOT, V.V., doktor tekhn. nauk, red.; VESELOVSKIY, V.S., prof., doktor tekhn. nauk, red.; VORONINA, L.D., kand. tekhn. nauk, red.; SKOBUNOV, V.V., kand. tekhn. nauk, red.; AYRUNI, A.T., red.; PRUSAKOVA, T.A., tekhn. red.; GUS'KOVA, O.M., tekhn. red.

[Problems in mine atmosphere] Problemy rudnichnoi aerologii. Moskva, Izd-vo AN SSSR, 1963. 279 p. (MIRA 17:2)

1. Moscow. Institut gornogo dela imeni A.A.Skochinskogo.

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ACCESSION RR: AR5005866

SOURCE: Ref. zh. Mekhanika, Abs. L1E22t

AUTHORS: Skobunov, V. V.

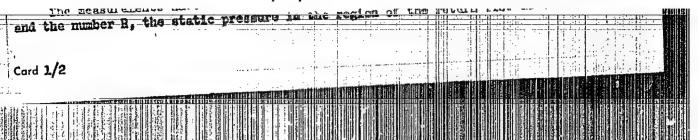
FITLE: On flow of air in corners

CITED SOURCE: Sb. Probl. rudnichm. serol. M., AM SSSR, 1963, 79-6t

TOPIC TAGS: air flow, turbulent flow, turbulent jet, free stream turbulence

TRANSLATION: The serodynemics of a stream in a corner, following sudden expansion,

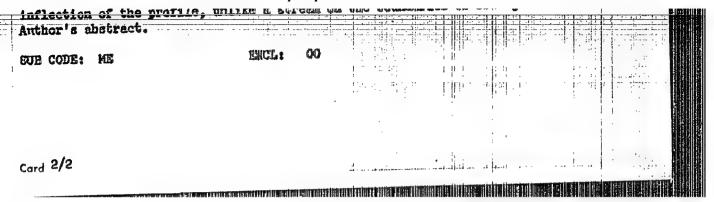
TRANSLATION: The serodynemics of free turbulence. The authors have measured the



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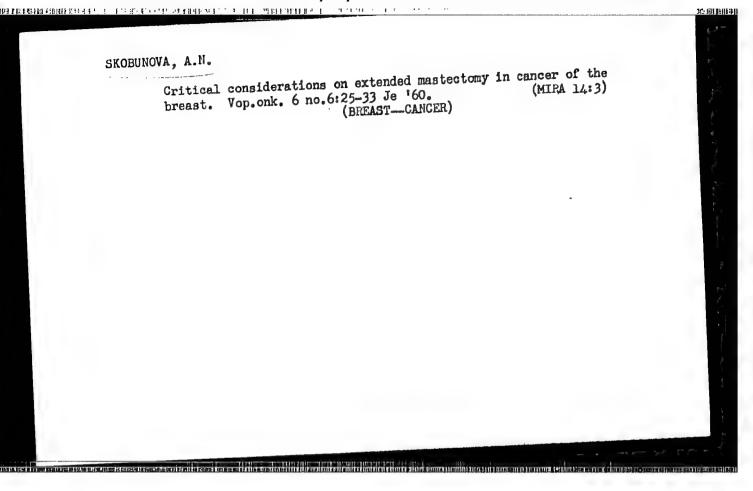
remain constant: at distances from the angle up to 3x/h (x - distance from the corner, h -- height of corner) it drops very slowly, and in the range from 3x/h to 10% to + 30% of the dynamic pressure, contra-

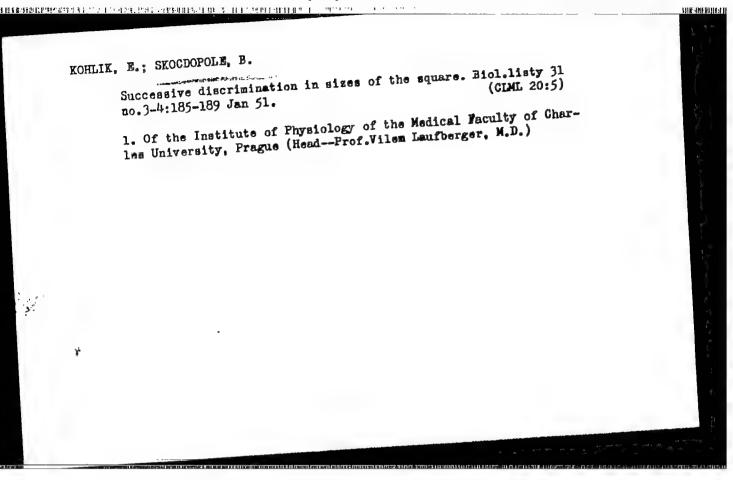


SKOBUNOVA, A.H., prof.; KARPENKO, Ye.S., kond.med.nauk

Problems of acute obstruction of mesenteric vessels. Khirurgiia
33 no.6:62-67 Je '57.

1. Iz kafedry operativncy khirurgii i topograficheskoy anatomii
(zev. - prof. A.I.Skobunova) Sverdlovskogo meditsinskogo instituta
(ARTERIES, MESENTERIO, dis.
exper. occlusion, funct. & pathol. changes)





SKCCDOPOLE, B

Economic analysis of present conditions in the baking industry. III. Characteristics of the baking industry from the point of view of man power and work indexes. p.252. (Prumysl Potravin, Vol. 8, No. 5, 1957, Praha, Czechoslovakia)

SC: Monthly List of Bast European Accessions (EEAL) Lr. Vol. 6, No. 9, Sept. 1957. Uncl.

NADVOENIK,P.; MATEJICEK,V.; DROZEN,V.; LELEK,J.; SPACEK,C.; SKOCDOPOLE,B.

Experiences with the use of cybernetic diagnosis in neurosurgery. Cesk. neurol. 26 no.6s/413-416 K*163.

1. Neurochirurgicka klinika, kyberneticky kabinet a strojni pocetni stanice ZVU v Hradci Kralove UME, utvar automatizace, Praha.

Research on ducting devices for plant protection. p. 31.

Research on ducting devices for plant protection. p. 31.

SPORMICK, R.DA MID AMISADE A EMEDITIVEADE ZECUDILSTAVI A LESMICTIVE.

Praha. Vol. 20, no. 1, Apr. 1955.

STURGE: East European Accessions List (HEAL) Library of Congress Vol. 5, No. 7, July 1956.

SOV/127-59-1-14/26

AUTHOR:

Skochek, L., Mining Engineer (Czechoslovakia)

TITLE:

Short-Delayed Blasting in the Ejpovice Iron Ore Quarry (Korotkozamedlennoye vzryvaniye na zhelezorudnom kar'yere

Eypovitse)

PERIODICAL:

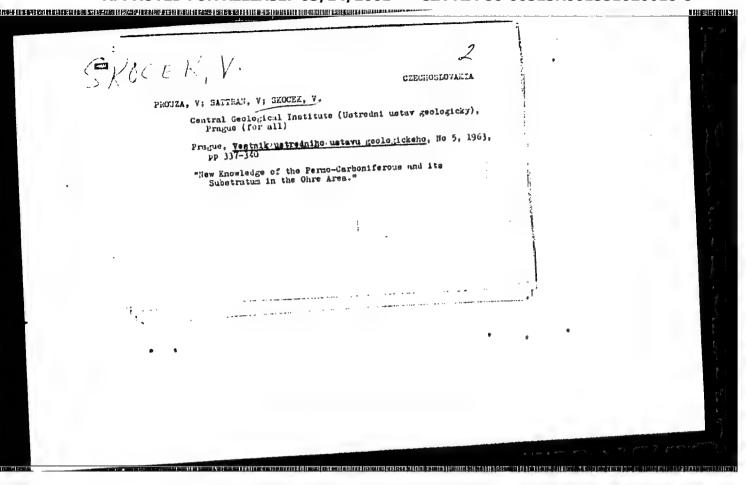
Gornyy zhurnal 1959, Nr 1, pp 50-53 (USSR)

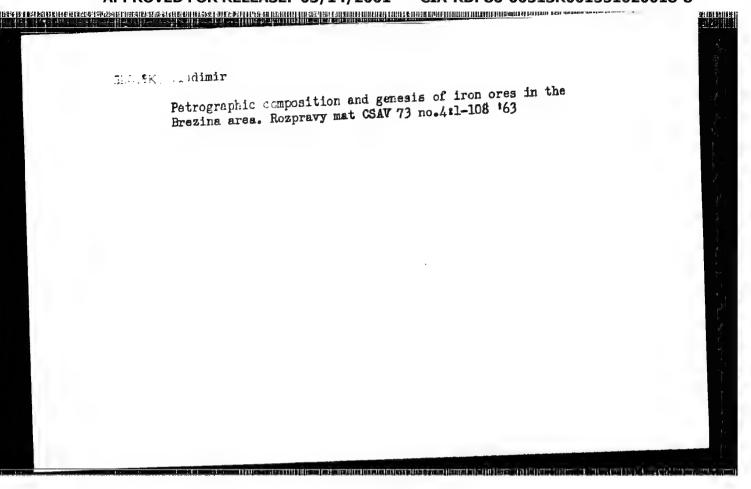
ABSTRACT:

The author describes experiments in working with DeM retarding electric detonators in the Ejpovice Iron Ore Quarry. The detonators are a product of Czechoslovakia. They are produced in series of eleven 30 msec delaying detonators, produced in series of eleven 30 msec delaying detonators, and one of instant action. The Prague Institute for Engineering Geology carried out experiments to study the seismic influence of short-delayed blasting on various objects such as fluence of short-delayed blasting on various objects such as fluence of structures and the river bed located near the quarry. It was found, that the seismic effect of such blasting is It was found, that the seismic effect of such blasting. The output several times lower than that of instant blasting. The output of unconditional lump size was not decreased. Experiments of unconditional lump size was not decreased out. In drilling small diameter blast holes are being carried out. There are I diagram, I graph, I table, and I Soviet reference.

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SKOCEK, Vladimir

Argillitized tuffaceous rocks of the Manetin Basin and the problem of the origin of tonstein. Vest ust geol 39 no.2: 105-116 Mr 64

1. Ustredni ustav geologicky, Praha

SLAVIK, Jiri; SKOCEK, Vladimir

Montmorillonite clays in the Permian of the Kladno-Rakovnik Basin. Vest ust geol 39 no.2:141-142 Mr. 64

1. Ustredni ustav geologicky, Praha.

SKOCH, Miloslav, inz., dr.

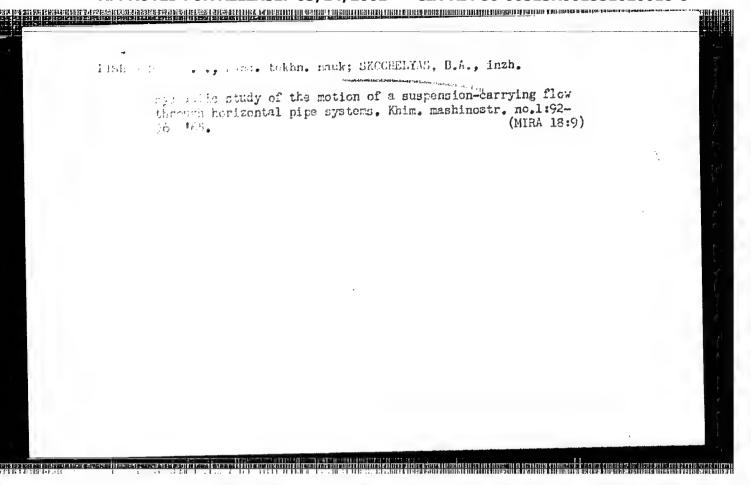
Protection of miners by self-rescue apparatus. Uhli 5 no.4:133-137 Ap 163.

1. Ministerstvo paliv.

LYUBOMUDROV, V.Ye.; BASS, M.A.; SKOCHELYAS, A.R.

Early progressive and late anthracosis. Khim. med. 38 no.5:68-72
(MIRA 13:12)

My '60. (LUNGS-DUST DISEASES)

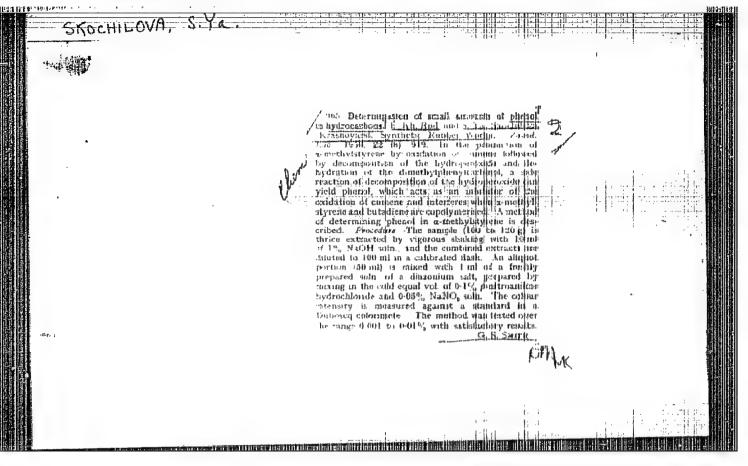


SKOCHELYAS, N.P.

Reconomizing electrodes. Masl.-zhir.prom.20 no.5:29 '55. (MLRA 8:11)

1. Saratovskiy meslozavod No.2.

(Electric welding)



"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001551020018-8

35:77-66 SOURCE CODE: CZ/0060/66/000/002/0072/0074 ACC NR: AP6026849 AUTHOR: Skocil. Vladimir-Skochil, V. (Lieutenant colonel; Doctor of medicino); Volek, Jiri-Volek, Y. (Lieutenant colonel; Doctor of medicine); Svejnoha, Jiri-Shveynoga, Y. (Captain; Doctor of medicine) ORG: none TITLE: Epidemic of streptococcal anginas of alimentary origin at a military unit SCURCE: Vojenske zdravotnicke listy, no. 2, 1966, 72-74 TOPIC TAGS: army medicine, bacterial disease At a military unit 62.4% of the soldiers who were getting their food from the same kitchen became ill within 5 days. The total number of afflicted soldiers was 475, and all were affected by a beta-hemolytic streptococcus of the group A type 3/27. It was discovered that the infection carrier was a cook who suffered from a suppurative finger. The streptococcus multiplied in the medium of an egg-spread. The cook himself became sick with the infection, as his body had no time to produce protective anti- > bodies. Orig. art. has: 1 figure and 5 tables. [JPRS: 36,834] SUB CODE: 06 / SUBM DATE: none / ORIG REF: 006 / OTH REF: 003 616.322-002-022.21.214-036.22-032/611.37: 356.33

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	or V 6 .07 %	the synthetic rubber injustry the so-called Fiscier's re- agent is used. It consists of a solution of ionine, pyridine end subfur dioxide in methanol.A. I. Beschove took part in the cord. The reagent was produced from gazeous alo, which has cooled nown to 15°. It was placed in a tune-proof con- triner. Ath it the sample (esters, higher elcohols and sensoir reid) which was dissolved in dry methanol, was titrate or, until a red coloring appeared. A control experiment was conducted in which methanol alone was titrated. In order to relaxate the content of dimethylphonyl carbinole the sample

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VOZNYUK, S.T.; KOROBCHENEO, Yu.T.; SKOCHIESKAYA, N.N.

Change in the characteristics of the improved peat soils in Polesys and the forest-stappe of the Ukraine under the effect of farming. Pochvovedenie noul:19-28 Ja '64. (MIRA 17:3)

1. Ukrainskiy nauchno-issledovateliskiy institut pochvovedeniya imeni A.N. Sokolovskogo i Kharikovskiy seliskokhozyaystvennyy institut imeni V.V. Dokuchaysva.

SKOCHINSKIY Aleksande Aleksandevich (874-963)

DEMIDOV, Pavel Hikolayevich; KARTAVIY, Nikolay Grigor'yevich;

PAVIYUCHENKO, Dnitriy Mikolayevich; LYUBINOV, Borts

Nikolayevich; Alivolioodv, V.F., retsenzent; Schinkary,

A.A., nauchnyy sotr., red.; PANOV, A.D., otv. red.; ARKANOV,

V.I., red. izd-va; BOLDYREVA, Z.A., tekhn. red.

[Coal plows]Ugol'nye strugi. [By] P.N.Demidov i dr. Moskva,

Gosgortekhizdat, 1962. 295 p. (MIRA 15:7)

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eksperinental'nyy institut ugol'nogo mashinostroyeniya

(for Krivonosov). 2. Institut gornogo dela ir. A.A.Skochinskogo

(for Panov).

(Coal mining madhinery)

SKOCHIY, P.G.

Influence of meteorological factors on the appearance and course of some forms of cardiovascular diseases. Vrach.delo no.7:110-111 J1 '60. (MIRA 13:7)

1. Zaveduyushchiy Chernigovskim gorsdravotdelom. (CLIMATOLOGY, MEDICAL) (GARDIOVASCULAR SYSTEM--DISEASES)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551020018-8"

SKOCHIY, P.G. [Skochii, P.H.]

Influence of abrupt meteorological fluctuations on women suffering from climacteric disorders; preliminary report. Ped., abush. i gin. 22 no.6:52-53 '60. (MLA 14:10)

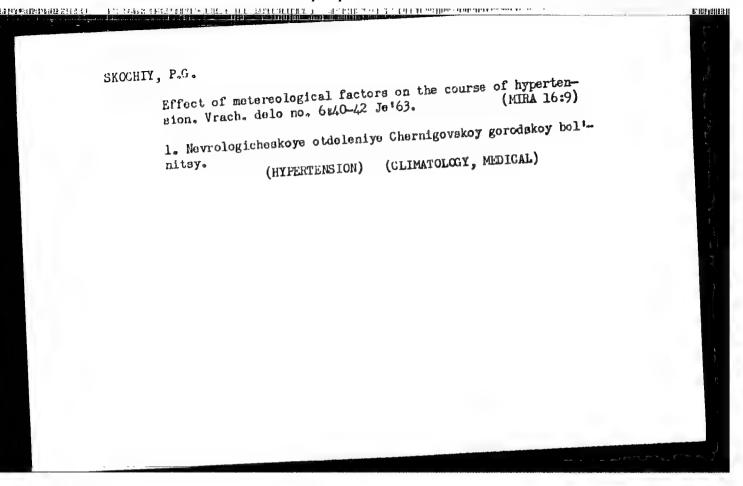
1. Chernigivs kiy mis kiy oblasniy viddil okhoroni zdorov"ya (zav. - P.G.Skochiy [Skochii, P.H.]). (CLIMACTERIC) (WEATHER_MENTAL AND PHYSIOLOGICAL EFFECTS)

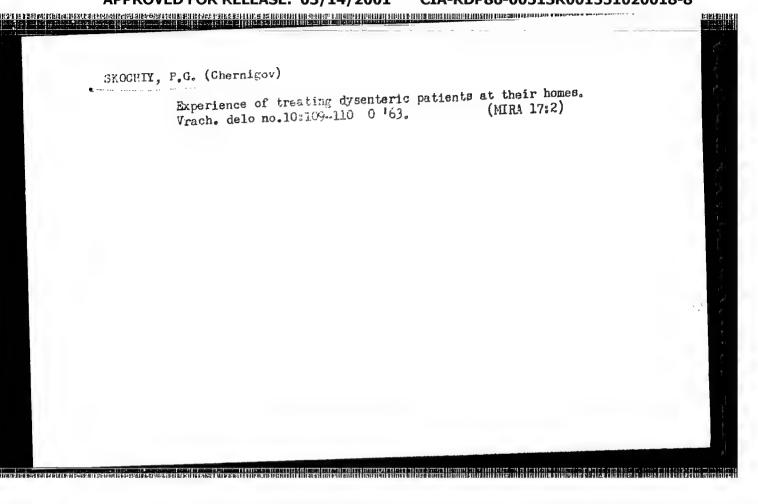
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SKOCHIY, P.G. Significance of certain meteorological factors in the development of cardiac and cerebral vascular diseases. Vrach. delo no.10:18-22 0 '61.

1. Nevrologicheskoye otdeleniye Chernigovskoy gorodskoy bol'nitsy.
(MICROCLIMATOLOGI) (GEREBROVASCULAR DISEASES) (CORONARY HEART DISEASE)

(MIRA 14:12)





SKOCHIY, P.G.

Seasonal fluctuations of the amount of erythrosytes and hamped plants in the blood of hypertension patients. Wrach delo no.11:130-131 N*63 (MIRA 16:12)

1. Nevrologicheskoye otdeleniye Chernigovskoy gorodskoy bol - nitsy.

Epidemiology

CZECHOSLOVAKIA

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SHOCIL, Vladimir, Dr., Lieut. Col.; BRUJ, Jaromir, Dr., Lieut. Col.; VOLDRICH, Zdonek, Dr Lieut.

"Epidomic of Influenza Caused by Virus B_1 and Mycoplasma Pneumoniao(Eaton's Agent) in a Military Unit and the Ensuing Complications."

Prague, Vojenske Zdravotnicke Listy, Vol 36, No 1, Feb 67, pp 15 - 19

Abstract: An obidemic which occurred in a unit stationed in West Bohemia during November of 1965 is discussed. The characteristic aspects of the epidemic were the high proportion of the persons infected (32.9% of the soldiers), high proportion of lung complications (20%), and a high proportion of overall complications (31%). Before the epidemic erupted the presence of Mycoplasma Pnoumoniae was discovered in the unit. Virus B1 acted either on those who were weakened by the Mycoplasma or acted simultaneously with it. 1 Figure, 6 Tables, 10 Western, 13 Czech, 2 USSR references.

SKOCIR, J.

Pernicious influence of toxic gases in the environs of Celje and the reconstruction of damaged forests. p. 276. (Gozuarski Vestnik, Vol. 14, No. 9/10, 1956, Ljubljana, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

MACKOVA, V.; SKOCKOVA, E.

Measurement of the nonhomogeneity of thermoelectric parameters
in semiconductor pressed materials. El tech cas 16 no.1:45-52

165.

KREMPASKY, Julius; MACKOVA, Valeria; SKOCKOVA, Eva

New methods of measuring the thermal conductivity of materials. Mat fyz cas SAV 11 no.2:146-158 *61.

1. Katedra fyziky, Slovenska vysoka skola technicka, Bratislava, Gottwaldovo namesti 2.

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GRYGLEWICZ, Zofia; SKOCZEK, Hanna

Seismic activity in 1959. Acta geophys pol 9 no.3:311-321 '61.

1. Zaklad Geofizyki Polskiej Akademii Nauk.

(Earthquakes)

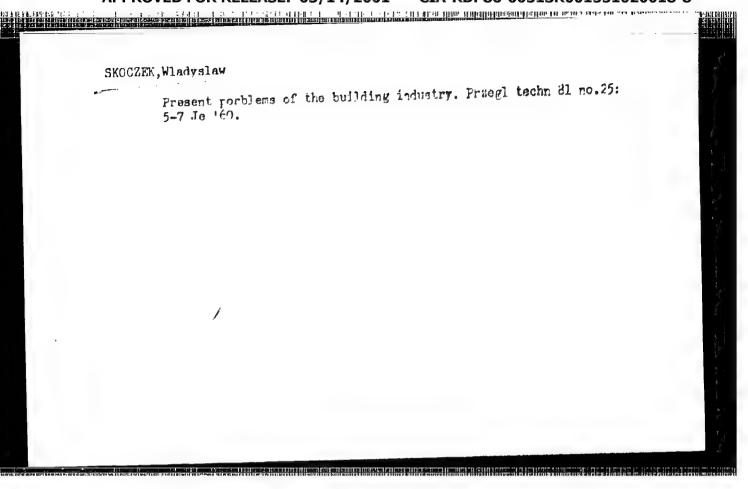
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PIASECKI, W.: SKOCZEK, W. "The Trend Of Technical Works Of The Institute For The Organization And Mechanization Of Building". p. 75. (Przeglad Budowlany, Vol. Z, no. 2, Feb. 1953, Warszawa)

Vol. 3, No. 2, East European So: Monthly List of Accessions, Library of Congress, February,

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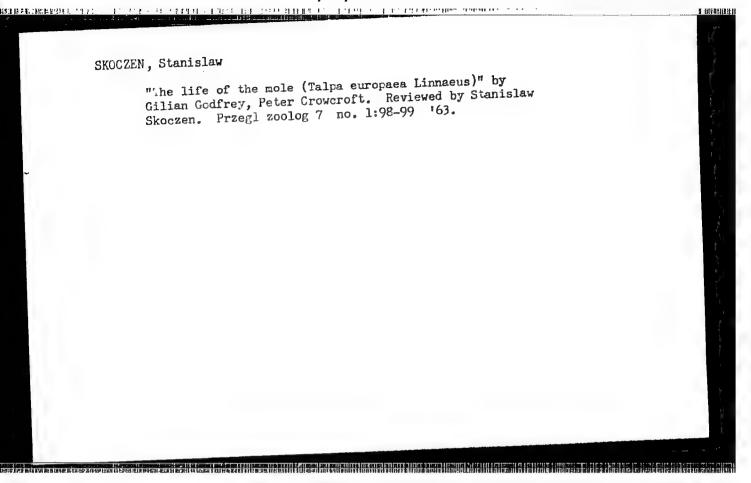


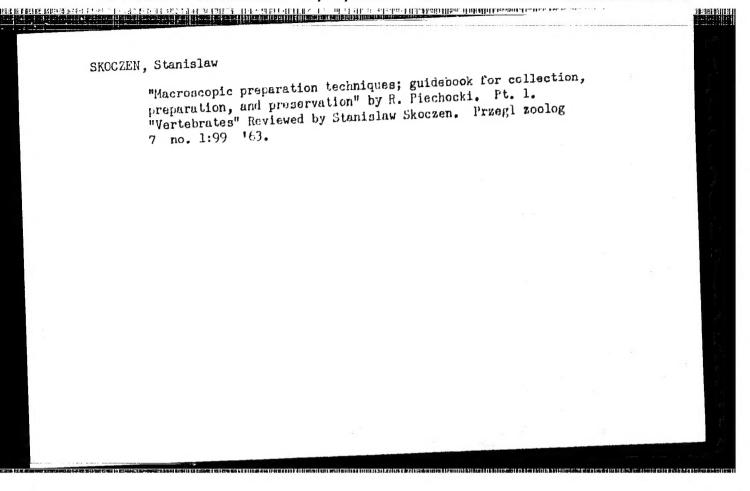
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Streptomycin and sulfones in the treatment of tuberculosis.

Med. wet. 6 no.3:158-161 Mar. 1950. (CIML 20:1)

1. Of the Institute of Microbiology and Epizootiology of the University imienia Marie Curié-Sklodowska in Lublin (Head---Prof. Josef Parnas, M. D.).





SKOCZYLAS, A.

Polish Alpinists in the French Alps.

p. 227 (Wierchy) Vol. 25, 1956, Krakow, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

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Poles in the Andes.

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AGRICULTURE

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